

# Anti-HLA-B7 [BB7.1]

**Catalogue number:** 151078

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Walter Bodmer

**Institute:** Cancer Research UK, London Research Institute: Lincoln's Inn Fields

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HLA-B7 [BB7.1]

**Alternate name:**

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**Class:** Monoclonal  
**Conjugate:** Unconjugated  
**Description:** This antibody can be used for HLA typing.  
**Purpose:**  
**Parental cell:**  
**Organism:**  
**Tissue:**  
**Model:**  
**Gender:**  
**Isotype:** IgG1  
**Reactivity:** Human  
**Selectivity:**  
**Host:** Mouse  
**Immunogen:** Papain solubilised HLA-A2, B7  
**Immunogen UNIPROT ID:**  
**Sequence:**  
**Growth properties:**  
**Production details:**  
**Formulation:**  
**Recommended controls:**  
**Bacterial resistance:**  
**Selectable markers:**  
**Additional notes:**

## Target details

**Target:** HLA-B7

**Target alternate names:**

**Target background:** Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and HLA-C) and class II (HLA-D).

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; FACS

**Application notes:**

## Handling

**Format:** Liquid  
**Concentration:** 1 mg/ml  
**Passage number:**  
**Growth medium:**  
**Temperature:**  
**Atmosphere:**  
**Volume:**  
**Storage medium:**  
**Storage buffer:** PBS with 0.02% azide  
**Storage conditions:** -15° C to -25° C  
**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Morton et al. 2008. Am J Pathol. 172(4):1081-7. PMID: 18310506. ; Trp53 deletion stimulates the formation of metastatic pancreatic tumors. ; Aleksic et al. 2007. Gut. 56(2):227-36. PMID: 16870717. ; Cellular immune reaction in the pancreas is induced by constitutively active IkappaB kinase-2. ; Nightingale et al. 2004. J Am Soc Nephrol. 15(1):21-32. PMID: 14694154. ; Oncostatin M, a cytokine released by activated mononuclear cells, induces epithelial cell-myofibroblast transdifferentiation via Jak/Stat pathway activation. ; Brtek et al. 1986. Eur J Cancer Clin Oncol. 22(12):1441-52. PMID: 2439341. ; Expression of monoclonal antibody-defined epitopes of keratin 19 in human tumours and cultured cells. ; Bartek et al. 1985. Int J Cancer. 36(3):299-306. PMID: 2411673. ; Patterns of expression of keratin 19 as detected with monoclonal antibodies in human breast tissues and tumours. ; Bartek et al. 1985. J Cell Sci. 75:17-33. PMID: 2413060. ; A subclass of luminal epithelial cells in the human mammary gland, defined by antibodies to cytokeratins.